

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047357.D
 Acq On : 15 Aug 2025 13:11
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081525

Quant Time: Aug 18 04:22:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	250887	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	427543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	379004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	185789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	192241	54.750	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.500%			
35) Dibromofluoromethane	5.391	113	153967	55.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.980%			
50) Toluene-d8	8.647	98	540007	54.448	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.900%			
62) 4-Bromofluorobenzene	11.079	95	200280	54.723	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	166246	51.981	ug/l	99
3) Chloromethane	1.313	50	143779	49.973	ug/l	96
4) Vinyl Chloride	1.392	62	183527	50.822	ug/l	97
5) Bromomethane	1.630	94	81779	56.066	ug/l	98
6) Chloroethane	1.703	64	109193	49.421	ug/l	99
7) Trichlorofluoromethane	1.904	101	266531	49.898	ug/l	99
8) Diethyl Ether	2.148	74	94290	50.132	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	155403	50.154	ug/l	99
10) Methyl Iodide	2.465	142	238348	44.887	ug/l	99
11) Tert butyl alcohol	2.959	59	70101	229.494	ug/l	97
12) 1,1-Dichloroethene	2.337	96	158941	50.316	ug/l	99
13) Acrolein	2.245	56	133586	207.171	ug/l	99
14) Allyl chloride	2.678	41	271599	49.503	ug/l	100
15) Acrylonitrile	3.075	53	369146	250.094	ug/l	99
16) Acetone	2.386	43	324930	246.195	ug/l	96
17) Carbon Disulfide	2.526	76	457873	48.034	ug/l	99
18) Methyl Acetate	2.715	43	163394	47.774	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	481187	50.072	ug/l	98
20) Methylene Chloride	2.800	84	173780	49.724	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	165465	49.352	ug/l	97
22) Diisopropyl ether	3.769	45	556979	51.358	ug/l	99
23) Vinyl Acetate	3.727	43	2264555	254.755	ug/l	99
24) 1,1-Dichloroethane	3.617	63	303962	49.586	ug/l	98
25) 2-Butanone	4.562	43	422081	244.186	ug/l	100
26) 2,2-Dichloropropane	4.483	77	232204	50.188	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	193324	49.507	ug/l	98
28) Bromochloromethane	4.903	49	145787	57.153	ug/l	100
29) Tetrahydrofuran	5.019	42	268867	240.659	ug/l	99
30) Chloroform	5.099	83	306888	49.055	ug/l	98
31) Cyclohexane	5.477	56	265960	47.066	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	263954	49.018	ug/l	99
36) 1,1-Dichloropropene	5.702	75	208616	47.627	ug/l	99
37) Ethyl Acetate	4.721	43	214695	47.213	ug/l	99
38) Carbon Tetrachloride	5.684	117	226854	47.393	ug/l	100
39) Methylcyclohexane	7.379	83	257199	47.074	ug/l	96
40) Benzene	6.043	78	638127	48.672	ug/l	99

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41) Methacrylonitrile	4.934	41	93517	48.768	ug/l	97
42) 1,2-Dichloroethane	6.086	62	226201	48.708	ug/l	99
43) Isopropyl Acetate	6.342	43	318400	48.740	ug/l	100
44) Trichloroethene	7.129	130	161053	47.974	ug/l	98
45) 1,2-Dichloropropane	7.427	63	160155	48.760	ug/l	98
46) Dibromomethane	7.580	93	115651	48.500	ug/l	98
47) Bromodichloromethane	7.824	83	237881	48.121	ug/l	100
48) Methyl methacrylate	7.690	41	164810	48.604	ug/l	99
49) 1,4-Dioxane	7.677	88	29362m	890.740	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	916499	243.797	ug/l	99
52) Toluene	8.720	92	394588	48.706	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	218807	50.716	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	243957	49.956	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	148831	48.385	ug/l	98
56) Ethyl methacrylate	9.116	69	227388	50.140	ug/l	100
57) 1,3-Dichloropropane	9.305	76	253108	48.290	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	480379	222.770	ug/l	98
59) 2-Hexanone	9.427	43	630542	242.481	ug/l	99
60) Dibromochloromethane	9.518	129	175911	48.122	ug/l	99
61) 1,2-Dibromoethane	9.610	107	152160	47.971	ug/l	99
64) Tetrachloroethene	9.275	164	131233	47.871	ug/l	98
65) Chlorobenzene	10.079	112	429835	47.724	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	146443	48.099	ug/l	99
67) Ethyl Benzene	10.189	91	756938	48.829	ug/l	99
68) m/p-Xylenes	10.299	106	570536	98.705	ug/l	99
69) o-Xylene	10.640	106	273804	49.223	ug/l	99
70) Styrene	10.652	104	471591	50.176	ug/l	100
71) Bromoform	10.799	173	110810	48.446	ug/l #	99
73) Isopropylbenzene	10.957	105	718690	49.432	ug/l	100
74) N-amyl acetate	10.841	43	277245	50.217	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	205267	48.087	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	163259m	47.911	ug/l	
77) Bromobenzene	11.195	156	172064	48.465	ug/l	99
78) n-propylbenzene	11.299	91	856923	49.351	ug/l	99
79) 2-Chlorotoluene	11.360	91	506366	48.241	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	586315	49.013	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32392	42.686	ug/l	99
82) 4-Chlorotoluene	11.451	91	592542	47.889	ug/l	99
83) tert-Butylbenzene	11.713	119	594831	49.841	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	595697	49.796	ug/l	99
85) sec-Butylbenzene	11.890	105	732328	49.507	ug/l	100
86) p-Isopropyltoluene	12.006	119	617508	49.332	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	325055	47.926	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	326132	46.752	ug/l	100
89) n-Butylbenzene	12.329	91	576963	49.556	ug/l	99
90) Hexachloroethane	12.536	117	107051	48.749	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	304391	47.283	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38911	47.135	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	206837	47.926	ug/l	98
94) Hexachlorobutadiene	13.725	225	66005	42.967	ug/l	98
95) Naphthalene	13.774	128	604650	49.026	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	194540	47.822	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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